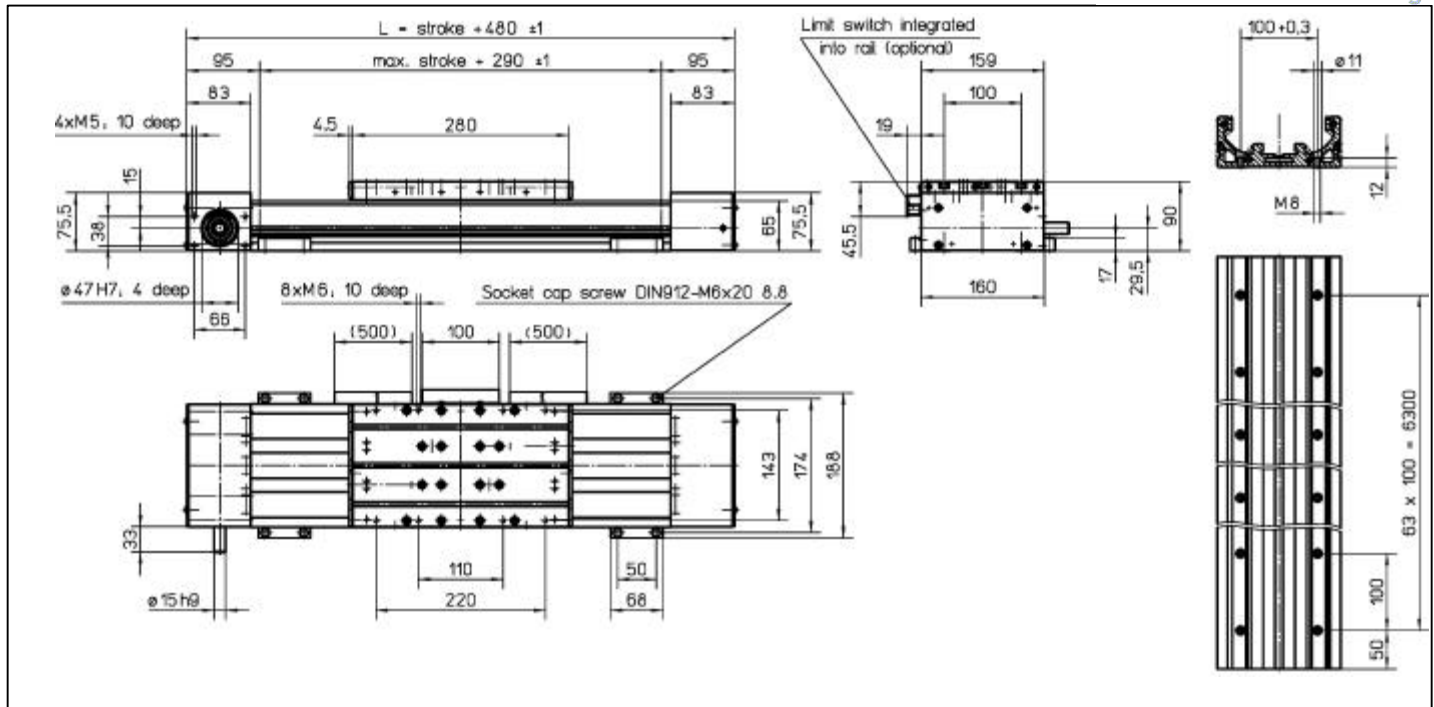


# WIESEL FORCELine® MLSH 60 ZRT

## Roller guide way and ATL toothed belt



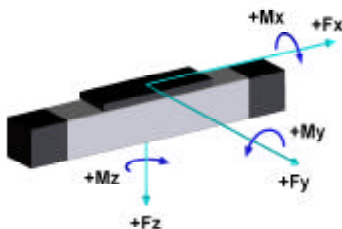
### Technical data

- Linear speed: max. 6,5 m/s
- Repeatability:  $\pm 0,05$  mm
- Acceleration: max. 40 m/s<sup>2</sup>
- Drive element: Zahnriemen 32 ATL5
- Pulley Diameter: 42,97 mm
- Stroke per revolution: 135 mm
- Max. Stroke: max. 5500 mm
- Geometrical moment of inertia:  $I_y = 1,29 \cdot 10^6$  mm<sup>4</sup>  
 $I_z = 1,20 \cdot 10^7$  mm<sup>4</sup>
- Base weight with zero stroke: 12,60 kg

### Options:

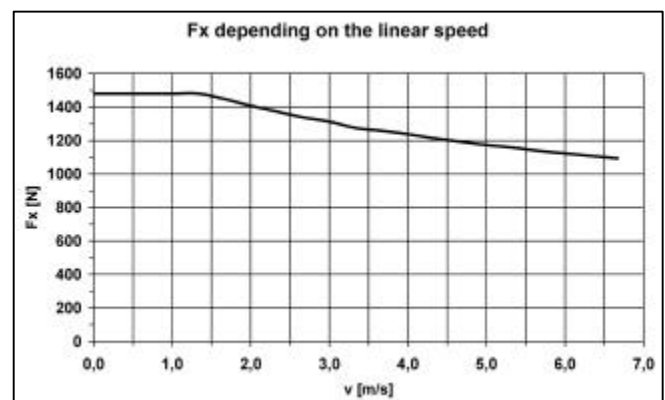
- Free-sliding additional power bridge OKB and long power bridge LKB
- Adapter plate SLT 10
- Limit switch and reference switch
  - inductive switch (standard)
  - mechanical switch

### Loads and load moments



Load	dynam. [N]
Fx drive	1480
Fy	3000
± Fz	3000
Load moment	dynam. [Nm]
Mx	165
My	310
Mz	310

### Fx in dependence of the linear speed



The mentioned forces and moments are standard values at single load. When combining several loads and load moments, the values need to be reduced to approx. 60 %.